

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	847	438/542.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/15 06:46
S2	88	438/542.ccls. and (perforat\$3 or hole or opening) same mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:00
S3	12	(438/542.ccls. and (perforat\$3 or hole or opening) same mask\$3) and (control\$4 same (dop\$4 or impurity or implant\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:00
S4	174	438/942.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/02 09:59
S5	70	438/942.ccls. and (perforat\$3 or hole or opening) same mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:00
S6	14	(438/942.ccls. and (perforat\$3 or hole or opening) same mask\$3) and (control\$4 same (dop\$4 or impurity or implant\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:00
S7	3	((438/942.ccls. and (perforat\$3 or hole or opening) same mask\$3) and (control\$4 same (dop\$4 or impurity or implant\$5))) and ((plurality or many) same (opening or hole))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:34
S8	487	perforated adj mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:34
S9	9	(perforated adj mask) and (doping or implant\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 10:35
S10	45	different\$2 same sized same isolation same region	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 16:33
S11	0	(different\$2 same sized same isolation same region) and 438/542.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 16:34
S12	0	(different\$2 same sized same isolation same region) and 438/942.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 16:34

S13	27	(different\$2 same sized same isolation same region) and mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/02 16:34
S14	2446	DIAC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 10:59
S15	46	S14 and dop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 10:59
S16	14	S15 and mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 11:21
S17	1	257/110 and mask\$3 and perforat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:26
S18	5	438/439 and mask\$3 and perforat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:37
S19	1611	dop\$4 near3 isolat\$4 near3 (region or area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:41
S20	0	S19 and perforat\$4 near9 mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:39
S21	1	S19 and perforat\$4 same mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:39
S22	4	dop\$4 near3 isolat\$4 near3 (region or area) near Mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 11:48
S23	1	"5358890".pn.	USPAT	OR	ON	2004/11/23 11:48
S24	13	("5358890").URPN.	USPAT	OR	OFF	2004/11/23 12:04
S25	0	S24 and perforat\$4 near mask\$4	USPAT	OR	OFF	2004/11/23 12:04
S26	1	(438/234 or 438/439 or 556/12 or 438/156 or 257/110 or 257/109 or 257/173 or 438/424 or 438/450 or 438/542 or 438/942).ccls. and perforat\$4 near3 mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 12:10
S27	17	(438/234 or 438/439 or 556/12 or 438/156 or 257/110 or 257/109 or 257/173 or 438/424 or 438/450 or 438/542 or 438/942).ccls. and dop\$4 near9 isolat\$4 near3 mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 12:10

S28	124	(438/134 or 438/139).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:05
S29	72	S28 and (mask\$3 or 438/942.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:33
S30	28	S29 and isolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 15:49
S31	461	438/140.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 15:48
S32	159	S31 and (mask\$3 or 438/942.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 15:49
S33	50	S32 and isolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 15:49
S34	13	S32 and dop\$3 near9 isolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 16:06
S35	1093	438/439.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:05
S36	672	S35 and (mask\$3 or 438/942.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:30
S37	34	S36 and dop\$3 near9 isolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 16:06
S38	7	("4224083").URPN.	USPAT	OR	OFF	2004/12/15 16:22
S39	1	(438/514 and 438/942 and 438/439).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:31
S40	0	S28 and 438/942.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:33

S41	0	S31 and 438/942.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:33
S42	2	S35 and 438/942.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:35
S43	1	438/549 and 438/942	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/15 16:36
S44	26	("3123750" "3236698" "3281628" "3524114" "3535615" "3582762" "3609747" "3835530" "3917962" "3961354" "3970843" "4063277" "4128801" "4134778" "4156148" "4224634" "4242598" "4264917" "4298881" "4320412" "4639760").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 00:52
S45	6	("3961354").URPN.	USPAT	OR	OFF	2004/12/21 01:19
S46	6	("4914045").URPN.	USPAT	OR	OFF	2004/12/21 01:28
S47	41	("3152928" "3196330" "3210571" "3236698" "3246172" "3275909" "3284680" "3391310" "3423650" "3535615" "3681667" "3746887" "3907615" "3961354" "3967308" "3970843" "4071852" "4089024" "4157562" "4224634" "4275408" "4298881" "4509089" "4574296" "4797720" "4827497" "4914045" "4967256" "5001537" "5065211" "5150271").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 01:37
S48	1	S47 and isolat\$4.near9.dop\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 01:37
S49	13	S47 and isolat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 01:37
S50	12	S49.not S48	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 01:38
S51	8	S50 and dop\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 01:38
S52	3	breakover.near9.mask\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 07:49
S53	7	("4825266").URPN.	USPAT	OR	OFF	2004/12/21 08:24
S54	9	Trajkovic.in..	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 08:27
S55	83	Udrea.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 08:27
S56	25	S55.and break\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 08:27

S57	8	S56 and mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 08:28
S58	403	esd and (ring or isolat\$4) near9 dop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/21 10:23
S59	14	esd and (ring or isolat\$4) near9 dop\$4 near9 mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:27
S60	213	S58 and break\$4 near9 volt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:28
S61	0	S60 and 438/942	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:30
S62	11	S60 and 438/133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:42
S63	7	S60 and 438/140	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:42
S64	3	S63 not S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:42
S65	11931	increas\$4 near9 break\$4 near9 volt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:24
S66	4084	S65 and mask\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:41
S67	1042	S65 and mask\$4 near9 dop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:24
S68	781	S67 and (isolat\$4 or ring or bur\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:26
S69	670	S68 and implant\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 16:58

S70	465	S67 and (isolat\$4 or ring or bur\$4) near9 (implant\$4 or dop\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:27
S71	406	S70 and diffus\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:28
S72	285	S71 and epitax\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:28
S73	24	S72 and (ESD or discharge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:29
S75	3	S65 and mask\$4 and n\$iso	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 14:42
S76	0	("6586317").URPN.	USPAT	OR	OFF	2004/12/21 14:46
S77	8	("5807780" "5856695" "5892264" "5994755" "6057578" "6194761" "6365932" "6441445").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 14:47
S78	8	("5807780" "5856695" "5892264" "5994755" "6057578" "6194761" "6365932" "6441445").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 16:27
S79	52	("20010050549" "20010053568" "3171068" "3841917" "3925803" "3961356" "4003072" "4055884" "4072975" "4101922" "4145700" "4320410" "4345265" "4366495" "4376286" "4404575" "4417385" "4561003" "4593302" "4748103" "4754310" "4775881" "4777149" "4895810" "4914058" "4926226" "4941026" "4974059" "4975782" "4994871" "5008725" "5010025" "5019522" "5045903" "5072269" "5089434" "5126807" "5182234" "5216275" "5231474" "5283201" "5430315" "5438215" "5473180" "5559353" "5648283" "5747831" "5801417" "5883411" "5973360" "6037631").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/21 16:49
S80	10	S79 and (perfora\$5 or opening) near9 mask\$4	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 16:49
S81	11931	increas\$4 near9 break\$4 near9 volt\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 16:58
S82	363	S81 and dop\$4 near9 isolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 16:59
S83	84	S82 and mask\$4 near9 opening	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:00

S84	45	S83 and dop\$4 near9 profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:12
S85	991	438/510	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:12
S86	1	S85 and 438/942	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:15
S87	0	S85 and 438/140	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:15
S88	3	S85 and 438/133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 17:15
S89	97	("5436189" "4510676" "5248894" "5262345" "5567978" "5837553" "5963801" "6022769" "6084275" "6100127" "6207999" "6555894" "5304827" "4569698" "5446308" "5488003" "5670383" "5723378" "5831320" "5856697" "5904536" "6033948" "6362066" "6462397" "5024961" "5686347" "4412378" "4758537" "4923821" "4929996" "4931409" "5012312" "5206535" "5290713" "5348910" "5376565" "5468677" "5472905" "5932917" "6025629" "6118160" "6153483" "6294481" "6383856" "6440802" "5382820" "4571817" "4811075" "5264721" "5994202").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/22 15:34
S90	50	("5436189" "4510676" "5248894" "5262345" "5567978" "5837553" "5963801" "6022769" "6084275" "6100127" "6207999" "6555894" "5304827" "4569698" "5446308" "5488003" "5670383" "5723378" "5831320" "5856697" "5904536" "6033948" "6362066" "6462397" "5024961" "5686347" "4412378" "4758537" "4923821" "4929996" "4931409" "5012312" "5206535" "5290713" "5348910" "5376565" "5468677" "5472905" "5932917" "6025629" "6118160" "6153483" "6294481" "6383856" "6440802" "5382820" "4571817" "4811075" "5264721" "5994202").pn.	USPAT	OR	OFF	2004/12/22 15:34
S91	1	"4927772".pn.	USPAT	OR	OFF	2004/12/22 16:10
S92	1	"4648174".pn.	USPAT	OR	OFF	2004/12/22 16:11
S93	13	("4648174").URPN:	USPAT	OR	OFF	2004/12/22 17:15
S94	1	"6,355,508".pn.	USPAT	OR	OFF	2004/12/22 17:15

S95	75	(US-20020016034-\$ or US-20040012034-\$ or US-20040097019-\$).did. or (US-3236698-\$ or US-3582912-\$ or US-3961354-\$ or US-3970843-\$ or US-4056408-\$ or US-4063277-\$ or US-4134778-\$ or US-4224083-\$ or US-4311534-\$ or US-4380114-\$ or US-4604790-\$ or US-4755862-\$ or US-4825266-\$ or US-4827497-\$ or US-4914045-\$ or US-4927772-\$ or US-4967256-\$ or US-5001537-\$ or US-5027180-\$ or US-5027183-\$ or US-5045493-\$ or US-5060191-\$ or US-5150271-\$ or US-5155568-\$ or US-5300454-\$ or US-5358890-\$).did. or (US-5382820-\$ or US-5422300-\$ or US-5489787-\$ or US-5516705-\$ or US-5557131-\$ or US-5567645-\$ or US-5567978-\$ or US-5604373-\$ or US-5612247-\$ or US-5705425-\$ or US-5795814-\$ or US-5796123-\$ or US-5899714-\$ or US-5937287-\$ or US-5962878-\$ or US-5966621-\$ or US-6043516-\$ or US-6150200-\$ or US-6197983-\$ or US-6259134-\$ or US-6391723-\$ or US-6407901-\$ or US-6426520-\$ or US-6440819-\$ or US-6445054-\$ or US-6469354-\$ or US-6555894-\$).did. or (US-6583060-\$ or US-6586317-\$ or US-6630698-\$ or US-6699739-\$ or US-6781161-\$ or US-6787400-\$ or US-6794239-\$ or US-6825514-\$ or US-6828609-\$ or US-4648174-\$ or US-6642558-\$ or US-6040237-\$ or US-6002159-\$ or US-5801836-\$ or US-6355508-\$).did. or (US-3535615-\$).did. or (JP-55160445-\$).did. or (EP-446438-\$ or US-5358890-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2004/12/22 17:26
S96	1	S95 and ESD and epitax\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/22 17:26
S97	1	"5479031".pn.	USPAT	OR	OFF	2004/12/26 18:26
S98	72	(VASHCHENKO.in. and VLADISLAV.in.) or (STRACHAN.in. and ANDY.in.) or (HOPPER.in. and PETER.in.) or (LINDORFER.in. and PHILIPP.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/14 12:26